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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Hiroyuki EGUCHI et al.**

Group Art Unit: **2838**

Serial Number: **10/781,699**

Examiner: **Younghuie J. Han**

Filed: **February 20, 2004**

Confirmation Number: **3673**

For: **TWO-WAY DC-DC CONVERTER**

Attorney Docket Number: **042115**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(d)/(e)(1)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

March 22, 2006

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is attached.

This Information Disclosure Statement is being submitted after mailing of a final action, a Notice of Allowance, or an action that otherwise closes prosecution in the application, but before or concurrent with payment of the Issue Fee. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

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Information Disclosure Statement under 1.97(d)

Attorney Docket No. 042115

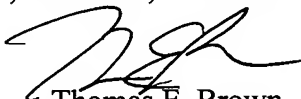
Serial No. 10/781,699

Each listed document was cited in a communication from a foreign patent office and the communication was not received by any person defined in 37 C.F.R. §1.56(c) more than 30 days before filing of this paper.

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Respectfully submitted,

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Enclosures: PTO/SB/08  
European Search Report dated February 24, 2006  
Documents (3)  
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Combined Form PTO/SB/08A&B  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/781,699	
			Confirmation Number	3673	
			Filing Date	February 20, 2004	
			First Named Inventor	Hiroyuki EGUCHI et al.	
			Art Unit	2838	
Examiner Name	Younghuie J. Han				
Sheet	One	of	one	Attorney Docket Number	042115

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>	
	1)	HOFSAJER I W ET AL: "A new manufacturing and packaging technology for the integration of power electronics" INDUSTRY APPLICATIONS CONFERENCE, 1995. THIRTIETH IAS ANNUAL MEETING, IAS '95., CONFERENCE RECORD OF THE 1995 IEEE ORLANDO, FL, USA 8-12 OCT. 1995, NEW YORK, NY, USA, IEEE, US, vol. 1, 8 October 1995 (1995-10-08), pages 891-897, XP010193038 ISBN: 0-7803-3008-0 * table 1 * * abstract * * page 891, right—hand column, paragraph 2 * * page 894, left—hand column, paragraphs 5,6 * * figure 3 *		
	2)	RUFER A ET AL: "A supercapacitor—based energy storage system for elevators with soft commutated interface" CONFERENCE RECORD OF THE 2001 IEEE INDUSTRY APPLICATIONS CONFERENCE. 36TH IAS ANNUAL MEETING. CHICAGO, IL, SEPT. 30 — OCT. 4, 2001, CONFERENCE RECORD OF THE IEEE INDUSTRY APPLICATIONS CONFERENCE. IAS ANNUAL MEETING, NEW YORK, NY: IEEE, US, vol. VOL. 1 OF 4. CONF. 36, 30 September 2001 (2001-09-30), pages 1413-1418, XP010561878 ISBN: 0-7803-7114-3 * figure 9 * * page 1416, left—hand column, last paragraph * * page 1417, right—hand column, last paragraph *		
	3)	CHAN H L ET AL: "Phase-shift controlled DC-DC convertor with bi-directional power flow" IEE PROCEEDINGS: ELECTRIC POWER APPLICATIONS, INSTITUTION OF ELECTRICAL ENGINEERS, GB, vol. 148, no. 2, 12 March 2001 (2001-03-12), pages 193-201, XP006016161 ISSN: 1350-2352 * abstract * * figure 1 * * page 193, left-hand column, paragraphs 2,3 *		
	4)	European Search Report dated February 24, 2006 for corresponding European patent application No. 04005590		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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